

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>31583-212399 RK</b>
INTERNATIONAL APPLICATION NO. <b>PCT/DE03/02093</b>		INTERNATIONAL FILING DATE <b>24 June 2003</b>
TITLE OF INVENTION <b>METHOD FOR SMOOTHING AND POLISHING SURFACES BY TREATING THEM WITH ENERGETIC RADIATION</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.53) <b>10/519146</b>
APPLICANT(S) FOR DO/EO/US <b>Konrad WISSENBACH, Edgar WILLENBORG and Norbert PIRCH</b>		PRIORITY DATE CLAIMED <b>27 June 2002</b>


Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **PCT FORMS IB/304 and IB/308**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

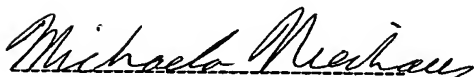
U.S. APPLICATION NO. (if known, see 37 CFR 1.53) <b>10/519146</b>		INTERNATIONAL APPLICATION NO. <b>PCT/DE03/02093</b>		ATTORNEY'S DOCKET NUMBER <b>31583-212399 RK</b>	
21. The following fees are submitted:					
<input checked="" type="checkbox"/>	a) Basic national fee .....			\$300.00	
<input checked="" type="checkbox"/>	b) Examination fee .....			\$200.00	
<input checked="" type="checkbox"/>	c) Search fee .....			\$500.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	/50 =			x \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total claims	16 - 20 =	0	x	\$ 0.00	
Independent claims	1 - 3 =	0	x	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,000.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				<b>\$ 1,000.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$	
+					
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 1,000.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
+					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 1,000.00</b>	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>22-0261</u> in the amount of \$ <u>1,000.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0261</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: VENABLE LLP P.O. Box 34385 Washington, D.C. 20043-9998 Tel.: (202) 344-4000 Fax: (202) 344-8300			<div style="text-align: right;">           SIGNATURE: <u>for Robert Kinberg</u>          NAME          36,830          26,924          REGISTRATION NO.       </div>		
<b>CUSTOMER NUMBER: 26694</b>			<b>December 27, 2004</b> DATE		

**CERTIFICATION**

I, the undersigned, am a professional translator, fully competent to translate from German into English, and I declare hereby that the attached English rendition of the International Patent Application PCT/DE03/02093 entitled

METHOD FOR SMOOTHING AND POLISHING SURFACES BY TREATING THEM WITH  
ENERGETIC RADIATION

is a genuine translation, accurate in every particular, to the best of my ability and knowledge.



Michaela Nierhaus

Name: -----

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Germany

Dec. 5, 2004

Date: -----

DT05 Rec'd PCT/PTO 27 DEC 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

**Konrad WISSENBAACH et al.**

International Appln: PCT/DE03/002093

U.S. Application No.: Not Yet Assigned

For: METHOD FOR SMOOTHING AND  
POLISHING SURFACES BY  
TREATING THEM WITH  
ENERGETIC RADIATION

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

**Atty. Docket No.: 31583-212399 RK**

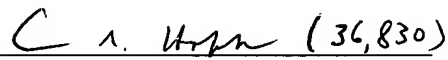
Customer No.

**26694****PATENT TRADEMARK OFFICE****Submission of Formal Drawings**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are five (5) sheets of formal drawings containing Figs. 1-9.

Respectfully submitted,

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RK/trt

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